

12-23-04

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Practitioner's Docket No.: 857\_017 NP

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

CULIK, Jerome S.; RILEY, Shawn P.; FALLER, Frank R.; and  
ALLISON, Kevin W.

Ser. No.: 10/764,817

Art Unit: 1734

Filed: January 26, 2004

Examiner: Laura Estelle Edwards

Confirmation No.: 6885

For: METHOD AND APPARATUS FOR APPLYING CONDUCTIVE INK ONTO  
SEMICONDUCTOR SUBSTRATES

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on December 22, 2004 under "EXPRESS MAIL" mailing label number EV 48855 9773 US.

*Janet M. Stevens*  
Janet M. Stevens

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §1.97(b)

Sir:

The information disclosure statement transmitted herewith is being filed:

☐ within three months of the filing date of this national application.

☐ within three months of the date of entry of the national stage as set forth in §1.491 in an international application.

☒ before the mailing date of the first Office action on the merits.

☐ before the mailing of a first Office Action after the filing of a request for continued examination under §1.114.

Respectfully submitted,

December 22, 2004

Date

*Kevin C. Brown*

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Janet M. Stevens

**INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449.

Also enclosed is a copy of a International Search Report bearing a mailing date of June 24, 2003, and the U.S. PTO is directed thereto for a concise statement of possible relevance of the references cited therein.

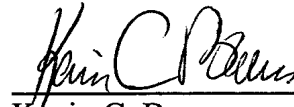
The above information is presented so that the Patent and Trademark Office may, in the first instance, determine any materiality thereof to the claimed invention. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that these references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

The Commissioner is hereby authorized to charge any additional fees associated with this communication or credit any overpayment to Deposit Account No. 50-1446.

Respectfully submitted,

December 22, 2004

Date

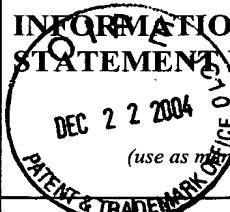


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Form PTO-1449 US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			<b>Complete if Known</b>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			<b>Application Number</b>	10/764,817	
			<b>Filing Date</b>	January 26, 2004	
			<b>First Named Inventor</b>	Jerome S. Culik	
			<b>Art Unit</b>	1734	
			<b>Examiner Name</b>	Laura Estelle Edwards	
			<b>Confirmation No.</b>	6885	
Sheet	1	of	1	<b>Attorney Docket No.</b>	857_017 NP

#### U.S. PATENT DOCUMENTS

Exam. Initial		Document Number	Date	Name	Our Docket No.	Class	Sub Class	Filing Date
	AA	5,656,081	08/12/1997	Isen et. al.				
	AB	4,819,558	04/11/1989	Counard				
	AC	5,227,223	07/13/1993	Morgan et al.				

#### U.S. RELATED COPENDING APPLICATIONS

Exam. Initial		Application/ Publication Number	Filing/ Publication Date	Inventor Name	Our Docket No.	Class	Sub Class

#### FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub Class	Translation	Abstract

#### OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages etc.)

	AD	F. Huster, M. Spiegel, P. Fath, E. Bucher, "Progress of the Roller-Printing Metallisation Technique Towards an Industrially Compatible Alternative to Screen Printing," 16 <sup>th</sup> European PVSEC, Glasgow, 1-5 May 2000, pp. 1-4
	AE	F. Huster, P. Fath, E. Bucher, "Roller Printed mc-Si Solar Cells with Optimized Fill Factors of 78%," University of Konstanz, Department of Physics (4 pages)
	AF	F. Huster, C. Gerhards, M. Spiegel, P. Fath, E. Bucher, "Roller Printed Multicrystalline Silicon Solar Cells with 16% Efficiency and 25 $\mu$ m Finger Width," University of Konstanz, Department of Physics (pp. 1-4; slides 4-6)

Examiner:		Date Considered:	
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*In accordance with the Notice dated July 11, 2003 on the PTO website, we are not enclosing copies of any of the above U.S. references.